

M.Sc.(Zoology) First Semester (Old)
ZOO-01-Paper - I : Animal Structure And Function : Invertebrates

P. Pages : 1

Time : Three Hours



GUG/W/18/2194

Max. Marks : 80

- Notes :
1. All question are compulsory.
 2. All question carry equal marks.
 3. Draw well labelled diagram whenever necessary.

1. Describe the locomotory organs & their modes of locomotion in protozoa. 16

OR

Write notes on

- a) Modern scheme of animal classification into phyla & minor phyla.
- b) Cellular grade of organization in sponger.

2. Write an essay on reproductive system of Fasciola. 16

OR

Write notes on

- a) Mechanism & excretion in Oligochaeta
- b) Evolution of nephridia in Annelida.

3. Describe the structure affinities & taxonomic position of Neopilina. 16

OR

Write notes on

- a) Structure of Peripatus.
- b) Gill respiration in Crustacea.

4. Describe the structure & function of water vascular system in Echinodermates. 16

OR

Write notes on

- a) General account of Ctenophora.
- b) Ectoprocta.

5. Attempt the following. 16

- I) Importance of classification
- II) Reproductive system in Taenia
- III) Neuroanatomy in Pila.
- IV) Endoprocta.
